

Amendments to the Claims

The listing of claims presented below replaces all prior versions, and listings, of claims in the application.

Listing of Claims:

Please cancel claims 1-9, 11-13 and 15-16 without prejudice.

1-16. (Canceled).

17. (Previously presented) A system for managing a transaction involving an enterprise and at least one partner in a supply chain, the system comprising:

an interface operable to receive a request for the transaction from an end-user or the partner;

a network execution component operable to administer the transaction involving the enterprise and the at least one partner in the supply chain;

a data access layer operable to provide the request for the transaction access to the real-time data relating to the transaction operable to communicate with a partner coordinator component integrated with an existing system of the partner;

a network domain gateway in communication with the data access layer to provide real-time data relevant to the transaction from the existing system of the partner to the network execution component;

a transport component operable with the network domain gateway to send or receive one or more messages related to the transaction with the real-time data facilitating active processing between the enterprise and the at least one partner in the supply chain for actively participating in at least one actual transaction; and

a processing facility in communication with the interface, the processing facility operable to access real-time data relevant to the transaction from an existing partner system, the processing facility operable to generate a context for the transaction using the real-time data with the end-user or the partner of said interface operable to receive the request and the existing partner system actively participating in at least one actual

transaction, the processing facility operable to process the request in the context for the transaction.

18. (Original) The system of claim 17, wherein the real-time data comprises transaction data specifying a status of the transaction.

19. (Original) The system of claim 17, wherein the real-time data comprises reference data relating to the partner.

20. (Original) The system of claim 17, further comprising a database operable to maintain the context for the transaction.

21. (Original) The system of claim 20, wherein said database comprises a relational database.

22. (Original) The system of claim 17, wherein the real-time data is accessed in extensible markup language (XML) format.

23. (Previously presented) The system of claim 17, wherein said processing facility is operable to convert real-time data into a format usable by the system.

24. (Original) The system of claim 22, wherein the processing facility is operable to send a response to the request to the end-user or the partner.

25. (Original) The system of claim 17, wherein the processing facility is operable to initiate a workflow for the transaction at a network system.

26. (Original) The system of claim 25, wherein the workflow comprises a plurality of tasks to be performed by the enterprise or the partner in order to fulfill the transaction.

27. (Previously presented) The system of claim 26, wherein the processing facility is further operable to notify the partner of any tasks to be performed by the partner.

28. (Previously presented) The system of claim 26, wherein the workflow further comprises a routing workflow for routing the request to the enterprise or the partner for performance of the tasks.

29. (Previously presented) The system of claim 25, wherein the processing facility is further operable to initiate at least one process manager routine for managing the workflow.

30. (Original) The system of claim 17, wherein processing facility is operable to alert the partner or the enterprise.

31. (Original) The method of claim 17, wherein the processing facility is operable to monitor a service level associated with the transaction.

32-37. (Canceled).

38. (Previously presented) A system for processing a transaction involving an enterprise and at least one partner in a supply chain, the system comprising:

- a database operable to store real-time data relating to the transaction;
- at least one process workflow executing on a processing facility, the process workflow operable to process the transaction;
- a network execution component operable to administer the transaction involving the enterprise and the at least one partner in the supply chain;

a data access layer operable to provide the process workflow access to the real-time data relating to the transaction operable to communicate with a partner coordinator component integrated with an existing system of the partner;

a network domain gateway in communication with the data access layer to provide real-time data relevant to the transaction from the existing system of the partner to the network execution component; and

a transport component operable with the network domain gateway to send or receive one or more messages related to the transaction with the real-time data facilitating active processing between the enterprise and the at least one partner in the supply chain for actively participating in at least one actual transaction, thereby providing a context for the transaction during processing with the partner in the supply chain actively participating in at least one actual transaction.

39. (Original) The system of claim 38, wherein the at least one workflow comprises a plurality of tasks to be performed by the enterprise or the partner in order to fulfill the respective transaction.

40. (Original) The system of claim 38, further comprising a business data manager component operable to manage the at least one process workflow.

41. (Previously presented) A network system for managing a supply chain, the network system comprising:

a network execution component operable to administer a transaction involving an enterprise and at least one partner in the supply chain;

a network domain gateway in communication with the network execution component, the network domain gateway operable to communicate with a partner coordinator component integrated with an existing system of the partner to provide real-time data relevant to the transaction from the existing system of the partner to the network execution component; and

a transport component operable with the network domain gateway to send or receive one or more messages related to the transaction with the real-time data facilitating active processing between the enterprise and the at least one partner in the supply chain for actively participating in at least one actual transaction.

42. (Original) The network system of claim 41, wherein the network execution component executes at least one process workflow operable to transform the real-time data relevant to the transaction based on business rules for the supply chain.

43. (Canceled).

44. (Original) The network system of claim 41, wherein the network domain gateway comprises a gateway router component operable to route one or more messages relating to the transaction between the existing system of a partner and an existing system of the enterprise.

45. (Original) The network system of claim 44, wherein the gateway router component is operable to perform context-based routing of messages related to the transaction.

46. (Original) The network system of claim 41, further comprising a messaging system operable to generate one or more messages for the real-time data and to route the messages within the network system.

47. (Original) The network system of claim 41, wherein the network execution component is operable to manage at least one process workflow for the transaction.

48. (Original) The network system of claim 41, further comprising a database operable to store the real-time data.

49. (Original) The network system of claim 48, wherein the database is operable to store a context for the transaction.

50. (Original) The network system of claim 48, wherein the database is operable to store one or more policy rules that govern the transaction.

51. (Previously presented) A system for managing one or more transactions involving an enterprise and at least one partner in a supply chain, the system comprising:

 a database operable to store real-time data relating to the one or more transactions, the database operable to maintain a respective context for each transaction;

 an execution process engine operable to execute a respective workflow in the context for each transaction using the real-time data administering the transaction involving the enterprise and the at least one partner in the supply chain;

 a data access layer operable to provide the workflow access to the real-time data relating to the transaction operable to communicate with a partner coordinator component integrated with an existing system of the partner;

 a network domain gateway in communication with the data access layer to provide real-time data relevant to the transaction from the existing system of the partner to the execution process engine; and

 a transport component operable with the network domain gateway to send or receive one or more messages related to the transaction with the real-time data facilitating active processing between the enterprise and the at least one partner in the supply chain for actively participating in at least one actual transaction; and

 one or more process manager components operable to manage the workflow and actively participating in at least one respective transaction, each workflow comprising a plurality of tasks to be performed by the enterprise or the partner in order to fulfill the respective transaction with the enterprise or the partner actively participating in at least one actual transaction.

52. (Previously presented) The system of claim 51, comprising a transport component operable to send or receive one or more messages related to the transaction, wherein the database comprises a relational database management system providing access responsive to at least one message concerning the transaction.

53. (Previously presented) The system of claim 51, wherein at least one business object is generated for each workflow.

54. (Previously presented) The system of claim 53, further comprising one or more business object managers operable to manage each business object.

55. (Previously presented) The system of claim 51, wherein each workflow comprises a process for transforming the real-time data according to a business policy between the enterprise and the partner.

56. (Previously presented) The system of claim 51, wherein the database is operable to maintain one or more business policies relating to the partner.

57. (Previously presented) The system of claim 51, wherein execution process engine comprises initiating a workflow for the transaction at a network system.

58. (Previously presented) The system of claim 57, wherein the one or more process manager components comprises initiating at least one process manager routine for managing the workflow for the transaction at the network system.

59. (Previously presented) The system of claim 58, wherein comprises a the one or more process manager components a transport component with a network domain gateway operable to send or receive one or more messages related to the transaction.